

ABSTRACT OF THE DISCLOSURE

A polishing apparatus includes an electrode constituted as a plurality of electrode elements, a device of driving the electrode, and dielectric abrasive particles disposed between the electrode and a workpiece. Polishing pressure is applied to the particles by a Coulomb force generated when an alternating-current voltage is applied to the electrode.

1. A polishing apparatus comprising:
an electrode constituted as a plurality of electrode elements;
a device of driving the electrode;
dielectric abrasive particles disposed between the electrode and a workpiece;
wherein polishing pressure is applied to the particles by a Coulomb force generated when an alternating-current voltage is applied to the electrode.